

# **AMENDMENT NO. 1 AUGUST 2021**

## **TO**

### **IS 10694 (PART 1) : 2009 AUTOMOTIVE VEHICLES — RIMS — GENERAL REQUIREMENTS**

#### **PART 1 NOMENCLATURE, DESIGNATION, MARKING AND MEASUREMENT**

*( Second Revision )*

*(Page 3, clause 3.1)* — Substitute the following for the existing clause:

#### **‘3.1 Present Designation**

The wheels/rims shall be designated by the following figures representing:

- a) Nominal rim width code;
- b) Rim profile;
- c) Nominal rim diameter code;
- d) A letter or letters signifying the tyre-side profile of the rim (usually the profile designation follows the nominal rim width; it may, however, precede or include the nominal rim width); and
- e) *Off the road* — The symbol ‘/’ followed by a figure or figures indicates the flange, height.

**Price Group 1**

Example:

RIM MARKING		RIM CONTOUR		NOMINAL DIAMETER CODE	SPECIAL FEATURES
		WIDTH CODE	PROFILE		
PASSENGER CARS					
4.5J × 15	Or 15 × 4.5J	4.5	J	15	—
4½ × 15	Or 15 × 4½	4½	J	15	—
4.5J × 15 H2	Or 15 × 4.5J H2	4.5	J	15	H2 Hump Designation
COMMERCIAL VEHICLES					
5.0-20 (5.0 × 20)	Or 20-5.0 (20 × 5.0)	5	—	20	—
22.5 × 7.50	Or 7.50 × 22.5	7.50	—	22.5	—
10.00 V-20	Or 20-10.00 V	10	V	20	—
(10.00 V × 20)	(20 × 10.00 V)				
AGRICULTURAL TRACTORS					
W 15 L × 28	Or 28 × W 15 L	15	L	28	—
MOTOR CYCLES					
16 × 1.20	Or 1.20 × 16	1.20	—	16	—
18 × 2.15	Or 2.15 × 18	2.15	—	18	—
18 × MT 2.15 H2	Or MT 2.15 × 18 H2	2.15	MT	18	—
SCOOTERS					
8-2.10	Or 2.10-8	2.10	—	8	—
INDUSTRIAL/LIFT TRUCKS					
5.00F-10	Or 10-5.00F	5.00	F	10	—
EARTHMOVING EQUIPMENT					
8.00TG-24 SDC	Or 24-8.00TG SDC	8.00	TG	24	SEMI DROP CENTRE (SDC)
11.25-25/2.0	Or 25-11.25/2.0	11.25	—	25	CODE OF FLANGE HEIGHT (/2.0)
25×14.00/1.3	Or 14.00/1.3x25	14.00	—	25	CODE OF FLANGE HEIGHT(/1.3)’

(Page 4, clause 4) — Substitute the following for the existing clause:

## **‘4 MARKING**

Wheels with integral or permanently affixed rims and rims separate or demountable shall be legibly marked with their size designation.

### **4.1 Marking of Rims**

Rims delivered without disc and being in compliance with the relevant Indian Standard shall be durably and legibly marked with the following:

- a) Size designation;
- b) Indication of the source of manufacture/manufacture’s logo; and
- c) Rim bead seat contour type, if applicable (Rim bead seat contour type may be as given in ITTAC Manual or International standards).

**4.1.1** In case the markings are impressed or embossed, the letters shall not be smaller than 2 mm and impressed to a depth or embossed to a height of not less than 0.13 mm.

**4.1.2** In case other marking methods, for example, laser printing, pad printing, ink jet printing and stickers are used, such marking should be, legible, indelible, non-removable and durable.

**4.1.3** The location of the markings shall be as per the discretion of the manufacturer.

The rims may be marked on the outer-side (*see* Fig. 15 and Fig. 16) or inside (*see* Fig. 17).

### **4.2 Marking of Disc Wheel**

Disc wheels being in compliance with the relevant Indian Standard shall be durably and legibly marked with the following:

- a) Size designation;
- b) Indication of the source of manufacture/manufacture’s logo;
- c) Date of manufacturing: year and month or year and quarter of the year (for example 21 03 indicates March 2021; 21 III indicates third quarter of 2021); and
- d) Half dual spacing or inset may also be marked.

**4.2.1** In case the markings are impressed or embossed, the marking shall be recessed and without sharp edges and letters shall not be smaller than 2 mm and impressed to a depth or embossed to a height not less than 0.13 mm.

**4.2.2** In case other marking methods, for example, laser printing, pad printing, ink jet printing and stickers are used, such marking should be legible, indelible, non-removable and durable.

**4.2.3** The location of the markings shall be at the discretion of the manufacturer. The rims may be marked on the outer-side (*see* Fig.18) or inside (*see* Fig.17).’